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NOTICE OF ALLOWANCE AND FEE(S) DUE

7812

7590

08/20/2009

SMITH-HILL AND BEDELL, P.C. 16100 NW CORNELL ROAD, SUITE 220 BEAVERTON, OR 97006 EXAMINER

BREVAL, ELMITO

ART UNIT PAPER NUMBER

2889

DATE MAILED: 08/20/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549.383	09/15/2005	Pertti Lintunen	AWEK 3301	5399

TITLE OF INVENTION: SPARK PLUG AND METHOD FOR PRODUCING IT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	11/20/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

indicated unless correcte maintenance fee notifica	ed below or directed oth	ng the Patent, advance of the Patent, advance	a) specifying a new co	orresp	ondence address; ar	d/or (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7812 7590 08/20/2009				Note: A certificate of mailing can only be used for domestic mailings of th Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
7812 SMITH-HILL 16100 NW COR BEAVERTON,	P.C.]	I her State addre trans	Certifi eby certify that this I s Postal Service with essed to the Mail S mitted to the USPTO	cate of Mailing or Transn Fee(s) Transmittal is being sufficient postage for first top ISSUE FEE address (571) 273-2885, on the da	nission deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.	
			[(Depositor's name)
			,				(Signature)
			l				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	ΓOR	A	ITORNEY DOCKET NO.	CONFIRMATION NO.
10/549,383 TITLE OF INVENTION	09/15/2005 I: SPARK PLUG AND M	METHOD FOR PRODUC	Pertti Lintunen CING IT			AWEK 3301	5399
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nonprovisional	NO	\$1510	\$300		\$0	\$1810	11/20/2009
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
BREVAL,	, ELMITO	2889	445-007000	_			
1. Change of corresponde CFR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to						
PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIGNATION O	h in 37 CFR 3.11. Comp GNEE	oletion of this form is NO	T a substitute for filing (B) RESIDENCE: (C	an a	assignment. and STATE OR COU	JNTRY)	up entity Government
4a. The following fee(s) Issue Fee Publication Fee (N	4) permitted)	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).					
	s SMALL ENTITY statu	is. See 37 CFR 1.27.				ENTITY status. See 37 CF	
interest as shown by the	records of the United Sta	tes Patent and Trademark	Office.		a applicant, a registe.	tes another of agent, of the	e assignee or other party in
Authorized Signature					Date		
Typed or printed name			Registration No				
an application Confiden	tiality is governed by 35 d application form to the ions for reducing this but Virginia 22313-1450. DC	LLS C 122 and 37 CFR	1.14 This collection is	s esti	mated to take 12 min	utes to complete including	by the USPTO to process) g gathering, preparing, and ne you require to complete rtment of Commerce, P.O. for Patents, P.O. Box 1450,

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SMITH-HILL	AND BEDELL, P.C.	BREVAL, ELMITO				
	NELL ROAD, SUITE 2	ART UNIT	PAPER NUMBER			
BEAVERTON, (OR 97006		2889			
		DATE MAILED: 08/20/2009				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 425 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 425 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/549,383	LINTUNEN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	ELMITO BREVAL	2889	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	pears on the cover sheet was (OR REMAINS) CLOSED in or other appropriate common RIGHTS. This application is and MPEP 1308.	n this application. If not included unication will be mailed in due course. T i	
1. This communication is responsive to the amendment filed	<u>l on 05/13/2009</u> .		
2. ☑ The allowed claim(s) is/are <u>14-17</u> .			
3. Acknowledgment is made of a claim for foreign priority unally All b) □ Some* c) □ None of the: 1. □ Certified copies of the priority documents have 2. □ Certified copies of the priority documents have 3. □ Copies of the certified copies of the priority documents have 3. □ Copies of the certified copies of the priority documents have a large of the priority docu	re been received. The been received in Application occuments have been received. The occuments have been received in Application occuments have been received in the communication to file of this application. The occupancy of this application occurs the attached EX yes reason(s) why the oath occurs the submitted. The occurs	on No d in this national stage application from the eareply complying with the requirement AMINER'S AMENDMENT or NOTICE Or declaration is deficient.	s
1) hereto or 2) to Paper No./Mail Date	=		
(b) including changes required by the attached Examiner Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on t	he drawings in the front (not the back) of	
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 			
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No. 7. ☐ Examiner's	oformal Patent Application ummary (PTO-413), /Mail Date Amendment/Comment Statement of Reasons for Allowance	
/Elmito Breval/ Examiner, Art Unit 2889			
LAGITITIEI, AIT OTIIL 2003			

DETAILED ACTION

Allowable Subject Matter

Claims 14-17 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claims 14 and 17, the prior art of record fails to teach a method for producing a spark plug comprised of, in part, forming a blank comprising a surface part and an intermediate part, by joining the surface part to the intermediate part by means of explosion welding, wherein the part that is separated from the blank includes both a portion of the surface part and a portion of the intermediate part. Due to their dependency, claims 15 and 16 are necessarily allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ELMITO BREVAL whose telephone number is (571)270-3099. The examiner can normally be reached on M-F (8:30 AM-5:00 Pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Toan Ton can be reached on (571)-272-2303. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 2889

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

August 3, 2009 /Elmito Breval/ Examiner, Art Unit 2889

/Joseph L. Williams/ Primary Examiner, Art Unit 2889